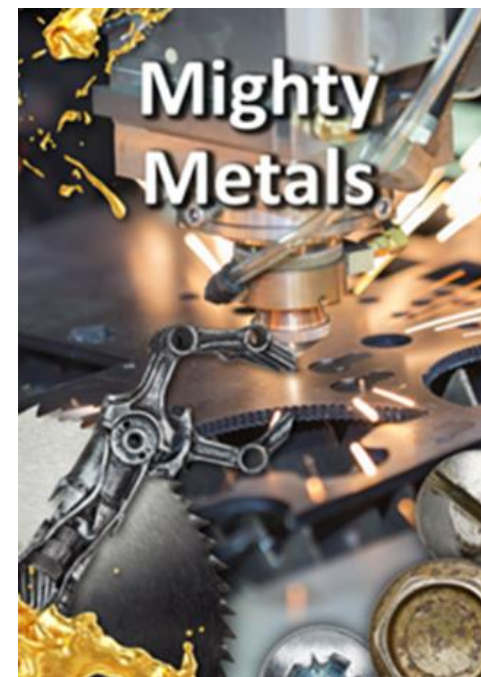


Year 4 Summer 1 - Parent Information

Mighty Metals

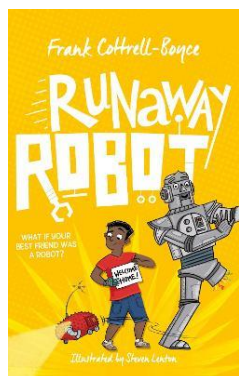
Mighty metals are everywhere! From earrings to rockets, metals have shaped the world we live in today!

You're an engineer, a scientist, a maker of men (iron men, of course). Explore the scientific world of forces and magnetism, metals and materials. Expand your mind as you test and trial, build and move. Which force is at play as you slide down a slide or swing on a swing? Can you make a penny look shiny and new or build a steel band from pots and pans? The Iron Man wants a friend. Can you build him one? You must make him strong, sturdy and ready to rumble. If you were a metal, which one would you be? Gold, a shimmering, precious and costly mineral? Or steel, which is a strong and useful alloy. Maybe you're iron, malleable and easy to shape, but ready to rust. Maybe you're not a metal at all, but a force to be reckoned with...



Helping your child prepare for their project

Metals and magnets are everywhere! Why not do a hunt around the house to see how metal is used? You could also make fridge magnets using a flat magnet, glue and modelling clay or recycled materials. Alternatively, you could build models using blocks or recycled materials and investigate the force needed to knock them over!



Our Class Novel – Runaway Robot

Runaway Robot is a funny and heart-warming adventure about two best friends helping put themselves back together, from the award-winning Frank Cottrell-Boyce, illustrated by Steven Lenton. When Alfie goes to Airport Lost Property, he finds more than he bargained for.

Curriculum Themes for this half-term	
Memorable experience	Guided tour around former site of Consett Steelworks
English	Newspaper article, persuasive writing and poetry
Maths	Decimals, time and money
Science	Living things and their habitats
D&T	Making a working robot
Computing	Using a range of apps to record information on the former site of Consett Steelworks, e.g. Skitch
Geography	Studying the geography of our local area
History	Investigating the former site of Consett Steelworks and how it has changed over time
PSHE	Rights and Responsibilities and Being my Best
RE	How and why do people show they care?
French	Weather and countries
Music	Continuing our work on the ukulele, leading to a concert
Art	Make a robot using a range of cogs, screws and metals. Photography and editing of our fieldwork.